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April 7, 1993

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APR - 7 1993

FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

Ms. Donna R. Searcy  
Secretary  
Federal Communications Commission  
1919 M Street, N.W.  
Washington, D.C. 20554

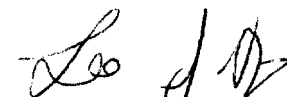
Re: MM Docket No. 93-41  
File No. BPED-910227MD  
Winston-Salem, NC

Dear Ms. Searcy:

Transmitted herewith, on behalf of Triad Family Network, Inc. ("Triad"), applicant in the above-referenced comparative proceeding, are an original and six (6) copies of its "Petition for Leave to Amend".

Should further information be desired in connection with this matter, please communicate with the undersigned.

Very truly yours,



Lee J. Peltzman  
Counsel for  
TRIAD FAMILY NETWORK, INC.

LJP:bpt  
Enclosures  
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**Before the  
Federal Communications Commission  
Washington, D.C. 20554**

**RECEIVED****APR - 7 1993**FEDERAL COMMUNICATIONS COMMISSION  
OFFICE OF THE SECRETARY

In re Application of	)	MM Docket No. 93-41
	)	
TRIAD FAMILY NETWORK, INC.	)	BPED-910227MD
Winston-Salem, North Carolina	)	
Channel 207C3	)	
	)	
POSITIVE ALTERNATIVE RADIO, INC.	)	BPED-911119MC
Asheboro, North Carolina	)	
Channel 207A	)	
	)	
For Construction Permit for a	)	
New Noncommercial Educational	)	
FM Station	)	

**To: The Honorable Joseph P. Gonzalez  
Administrative Law Judge**

**PETITION FOR LEAVE TO AMEND**

Triad Family Network, Inc. ("Triad"), by its attorneys, pursuant to Sections 73.3514 and 73.3522(b) of the Commission's rules, hereby respectfully requests leave to amend its above-captioned application. In support thereof, the following is submitted:

The attached amendment is filed in response to a directive contained in the Hearing Designation Order, DA 93-223, released March 9, 1993, concerning the submission of environmental impact information. See paras. 2 and 10. The instant amendment is being filed in compliance with Sections 73.3514 of the Commission's rules. Also, good cause is present for acceptance of the amendment under Section 73.3522(b) of the rules since it was prepared with due diligence and acceptance will neither disrupt the proceeding, prejudice other parties, necessitate the addition or


modification of issues or parties or confer a comparative advantage upon Triad.

In view of the above, Triad respectfully requests that this Petition for Leave to Amend be granted and that the attached amendment be accepted.

Respectfully submitted,

**TRIAD FAMILY NETWORK, INC.**

By: \_\_\_\_\_

  
B. Jay Baraff  
Lee J. Peltzman  
Its Attorneys

**BARAFF, KOERNER, OLENDER  
& HOCHBERG, P.C.  
5335 Wisconsin Ave., N.W.  
Washington, D.C. 20015**

**April 7, 1993**

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**TRIAD FAMILY NETWORK, INC.**  
1249 Trade Street  
Winston-Salem NC 27101

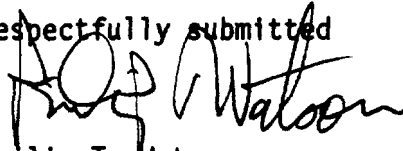
April 2, 1993

Administrative Law Judge Joseph P. Gonzalez  
Hearing Branch, Enforcement Division  
Mass Media Bureau  
Federal Communications Commission  
2025 M Street, N.W., Suite 7212  
Washington, D.C. 20554

Honorable Judge:

Please amend the application of Triad Family Network, Inc. (BPED-910227MD) to include the enclosed material.

Respectfully submitted

A handwritten signature in black ink, appearing to read "Philip T. Watson", written over the typed name.

Philip T. Watson  
President  
Triad Family Network, Incorporated

cc: Chief, Data Management Staff  
Audio Services Division  
Mass Media Bureau  
Federal Communications Commission  
Room 350, 1919 M Street, N.W.  
Washington, D.C. 20554

ENGINEERING AMENDMENT

TRIAD FAMILY NETWORK, INCORPORATED  
NEW FM, WINSTON SALEM, NORTH CAROLINA

At the request of TRIAD FAMILY NETWORK, INCORPORATED ("Triad") I have been asked to amend the engineering portion of its Winston-Salem, NC application BPED-910227MD. This amendment rigourously restates the methods TFN used in determining exemption from environmental processing under 47CFR 1.1307 of the Rules. Also, calculations are presented clearly establishing the methods that will avoid violation of 47CFR 1.1307[b].

Triad's proposed site is the authorised transmitter site for station WBFJ Winston-Salem, NC (BP-911202AA with Form 302 pending or granted.) WBFJ operates on 1550 kc with 1.0 kW-ND. Additionally, this site is specified for station WPIP, also at Winston-Salem, NC (BP-860331AO). When WPIP is built, it will operate on 880 kc with 0.9 kW-ND. The subject FM application specifies a Cetec JLCP-4DA modified for directional, four bay operation on the AM tower.

First, consider the FM operation. The radiation center is 38 M above ground level. The lowest bay is 1.5 wavelengths below the center i.e. 5.03 meters at 89.3 mc. In other words, the lowest FM bay is 33 meters above the ground.

Assuming an isotropic source radiating the entirety of 6.92 kW H & V, the power flux density can be computed per OET Bulletin 65. At ground level the density is:

$$P(\text{mW/cm}) = \frac{0.64 * 1.64 * \text{MERP (H+V, watts)} * (1000 \text{ mW/W})}{3.14159 * (\text{distance to radiator cm})^2}$$

Substituting 13,840 watts and 3300 cm, the power flux density at ground level is 0.4246 mW/square cm. The ANSI limiting value is 1.0 mW/sq. cm. For the FM application only, (after rearranging the above equation) is 21.5 meters

below the lowest antenna bay (11.5 meters AGL.) Clearly the FM radiofrequency biohazard is inherently removed from casual contact, and routine tower fencing with placards will satisfy Contingency "A" in "Further Guidance for Broadcasters Regarding Radiofrequency Radiation and the Environment". FCC Memo 2278. January

WBFJ, WPIP, and Triad's facilities will have the required fencing increased to 5.5 meters when WPIP is constructed. This fencing and placarding will meet the requirements in 1.1307[b].

The second issue concerns deliberate occupational exposure. This is contrasted with casual exposure. Triad certifies that an agreement will be reduced to writing among all tower tenants that requires joint power reduction or cessation of emissions whenever work within the 5.5 meter zone inside the fence is required.

With these measures, the requirement for full exemption from environmental processing are now satisfied. It is believed that this showing is comprehensive and is sufficient to remove any doubt as to Triad's exemption from processing under 1.1307 of the Rules. Accordingly, an Environmental Assessment is not required under rule 1.1308.

I certify under penalty of perjury that the statements contained herein are true to the best of my knowledge and belief and that I represent the applicant in the capacity indicated.

York David Anthony  
Consulting Engineer  
Triad Family Network, Inc.

This, the 30th day March, 1993.

**CERTIFICATE OF SERVICE**

I, Barbara P. Taylor, a secretary in the law offices of Baraff, Koerner, Olender & Hochberg, P.C., do hereby certify that a true and correct copy of the foregoing "Petition for Leave to Amend" on behalf of Triad Family Network, Inc., has been sent by prepaid United States mail, first class, on this 7th day of April, 1993 to the following:

The Honorable Joseph P. Gonzalez\*  
Administrative Law Judge  
Federal Communications Commission  
2000 L Street, N.W., Room 221  
Washington, D.C. 20554

Chief, Audio Services Division\*  
Federal Communications Commission  
1919 M Street, N.W., Room  
Washington, D.C. 20554

Norman Goldstein, Esq.\*  
Mass Media Bureau  
Federal Communications Commission  
2025 M Street, N.W., Room 7212  
Washington, D.C. 20554

Julian P. Freret, Esq.  
Booth, Freret & Imlay  
1233 20th Street, N.W.  
Suite 204  
Washington, D.C. 20036

  
Barbara P. Taylor

\*Via Hand Delivery